

In the Abstract

Please amend the Abstract as follows (a clean copy of the amended Abstract is attached hereto on a separate sheet):

Abstract

The invention relates to a method and [[a]] mold for producing transparent optical elements from polymeric materials. ~~In this case, the~~ The optical elements ~~that can be produced in this way are intended to~~ have at least one surface region ~~having regions~~ which have reduced interfacial reflection. In the method, According to the invention, the procedure followed here is that, in the case of the entire surface or a correspondingly selected surface of a reference element, made which consists of a polymeric material, and corresponds to the respective optical element, the entire surface or a correspondingly selected surface is exposed to the influence of high-energy ions in a vacuum to form an irregular nanostructure with alternately arranged elevations and depressions lying in between. In this way, an irregular nanostructure with alternately arranged elevations and depressions lying in between is formed on the corresponding surfaces. Subsequently, a thin electrically conducting layer is applied, ~~and electrochemical~~ Electrochemical forming is carried out ~~in order~~ to obtain a mold with a negative contour which is superposed by the nanostructure. With such a mold, the optical elements having a nanostructure which reduces the interfacial reflection can then be produced in a molding process ~~of the nanostructure reducing the interfacial reflection.~~